PT/09 BC

ENTERED

Serial Number: 09/889,331

CRF Processing Date: 2/14/2002 #5
Edited by: ____
Verified by: ____ (STIC staff)

☐ Changed a file from non-ASCII to ASCII

☐ Changed the margins in cases where th sequence text was "wrapped" down to the next line.

☐ Edited a format error in the Current Application Data section, specifically:
_____

☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____.

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically:
_____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:
_____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:
_____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included:
_____

☐ Deleted extra, invalid, headings used by an applicant, specifically:
_____

☑ Deleted: ☑ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as_____.

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically:
_____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☐ Other: _____
_____
_____

*Examiner: Th above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

PCT09

RAW SEQUENCE LISTING   DATE: 02/14/2002
PATENT APPLICATION: US/09/889,331   TIME: 08:55:30

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\I889331.raw

 3 <110> APPLICANT: YOUNG, ANDREW A.
 4   GEDULIN, BRONISLAVA
 6 <120> TITLE OF INVENTION: METHODS FOR GLUCAGON SUPPRESSION
 8 <130> FILE REFERENCE: 030639.0031.UTL1 (249/167)
10 <140> CURRENT APPLICATION NUMBER: US 09/889,331
11 <141> CURRENT FILING DATE: 2001-07-13
13 <150> PRIOR APPLICATION NUMBER: PCT/US00/00942
14 <151> PRIOR FILING DATE: 2000-01-14
16 <150> PRIOR APPLICATION NUMBER: 60/116,380
17 <151> PRIOR FILING DATE: 1999-01-14
19 <150> PRIOR APPLICATION NUMBER: 60/132,017
20 <151> PRIOR FILING DATE: 1999-04-30
22 <150> PRIOR APPLICATION NUMBER: 60/175,365
23 <151> PRIOR FILING DATE: 2000-01-10
25 <160> NUMBER OF SEQ ID NOS: 239
27 <170> SOFTWARE: FastSEQ for Windows Version 4.0, Microsoft WORD 97 SR-2
29 <210> SEQ ID NO: 1
30 <211> LENGTH: 39
31 <212> TYPE: PRT
32 <213> ORGANISM: Heloderma Horridum
34 <220> FEATURE:
35 <221> NAME/KEY: AMIDATION
36 <222> LOCATION: (39)
37 <223> OTHER INFORMATION: Ser in position 39 is amidated
39 <400> SEQUENCE: 1
40 His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
41 1   5   10   15
43 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
44   20   25   30
46 Ser Gly Ala Pro Pro Pro Ser
47   35
49 <210> SEQ ID NO: 2
50 <211> LENGTH: 39
51 <212> TYPE: PRT
52 <213> ORGANISM: Heloderma Suspectum
54 <220> FEATURE:
55 <221> NAME/KEY: AMIDATION
56 <222> LOCATION: (39)
57 <223> OTHER INFORMATION: Ser in position 39 is amidated
59 <400> SEQUENCE: 2
60 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
61 1   5   10   15
63 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\I889331.raw

```
64              20              25              30
66 Ser Gly Ala Pro Pro Pro Ser
67         35
69 <210> SEQ ID NO: 3
70 <211> LENGTH: 30
71 <212> TYPE: PRT
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
76      Amino Acid Sequence
78 <400> SEQUENCE: 3
79 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
80  1               5               10              15
82 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly
83              20              25              30
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 30
87 <212> TYPE: PRT
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
92      Amino Acid Sequence
94 <220> FEATURE:
95 <221> NAME/KEY: AMIDATION
96 <222> LOCATION: (30)
97 <223> OTHER INFORMATION: Gly in position 30 is amidated
99 <400> SEQUENCE: 4
100 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
101  1               5               10              15
103 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly
104              20              25              30
106 <210> SEQ ID NO: 5
107 <211> LENGTH: 30
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
113      Construct
115 <220> FEATURE:
116 <221> NAME/KEY: MOD_RES
117 <222> LOCATION: (30)
118 <223> OTHER INFORMATION: AMIDATION, Position 30 is Gly-NH2
120 <400> SEQUENCE: 5
121 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
122  1               5               10              15
124 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly
125              20              25              30
127 <210> SEQ ID NO: 6
128 <211> LENGTH: 28
```

```
129 <212> TYPE: PRT
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
134      Construct
136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (28)
139 <223> OTHER INFORMATION: AMIDATION, Position 28 is Asn-NH2
141 <400> SEQUENCE: 6
142 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
143 1               5                   10                  15
145 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn
146              20              25
148 <210> SEQ ID NO: 7
149 <211> LENGTH: 39
150 <212> TYPE: PRT
151 <213> ORGANISM: Artificial Sequence
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
155      Construct
157 <220> FEATURE:
158 <221> NAME/KEY: MOD_RES
159 <222> LOCATION: (30)
160 <223> OTHER INFORMATION: AMIDATION, Position 30 is Gly-NH2
162 <400> SEQUENCE: 7
163 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
164 1               5                   10                  15
166 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
167              20                  25                  30
169 Ser Gly Ala Pro Pro Pro Ser
170          35
172 <210> SEQ ID NO: 8
173 <211> LENGTH: 28
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
179      Construct
181 <220> FEATURE:
182 <221> NAME/KEY: MOD_RES
183 <222> LOCATION: (28)
184 <223> OTHER INFORMATION: AMIDATION, Position 28 is Asn-NH2
186 <400> SEQUENCE: 8
187 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
188 1               5                   10                  15
190 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn
191              20              25
193 <210> SEQ ID NO: 9
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,331

DATE: 02/14/2002
TIME: 08:55:30

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\I889331.raw

```
194  <211> LENGTH: 28
195  <212> TYPE: PRT
196  <213> ORGANISM: Artificial Sequence
198  <220> FEATURE:
199  <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
200        Construct
202  <220> FEATURE:
203  <221> NAME/KEY: MOD_RES
204  <222> LOCATION: (28)
205  <223> OTHER INFORMATION: AMIDATION, Position 28 is Asn-NH2
207  <400> SEQUENCE: 9
208  His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu Glu
209  1               5                   10                  15
211  Ala Val Arg Leu Ala Ile Glu Phe Leu Lys Asn
212              20                  25
215  <210> SEQ ID NO: 10
216  <211> LENGTH: 39
217  <212> TYPE: PRT
218  <213> ORGANISM: Artificial Sequence
220  <220> FEATURE:
221  <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
222        Construct
224  <220> FEATURE:
225  <221> NAME/KEY: MOD_RES
226  <222> LOCATION: (39)
227  <223> OTHER INFORMATION: AMIDATION, Position 39 is Ser-NH2
229  <400> SEQUENCE: 10
230  His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
231  1               5                   10                  15
233  Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
234              20                  25                  30
236  Ser Gly Ala Pro Pro Pro Ser
237              35
239  <210> SEQ ID NO: 11
240  <211> LENGTH: 39
241  <212> TYPE: PRT
242  <213> ORGANISM: Artificial Sequence
244  <220> FEATURE:
245  <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
246        Construct
248  <220> FEATURE:
249  <221> NAME/KEY: MOD_RES
250  <222> LOCATION: (39)
251  <223> OTHER INFORMATION: AMIDATION, Position 39 is Ser-NH2
253  <400> SEQUENCE: 11
254  His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Leu Glu Glu
255  1               5                   10                  15
257  Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
258              20                  25                  30
```

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,331

DATE: 02/14/2002
TIME: 08:55:30

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\I889331.raw

```
260 Ser Gly Ala Pro Pro Pro Ser
261           35
263 <210> SEQ ID NO: 12
264 <211> LENGTH: 39
265 <212> TYPE: PRT
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
270       Construct
272 <220> FEATURE:
273 <221> NAME/KEY: MOD_RES
274 <222> LOCATION: (39)
275 <223> OTHER INFORMATION: AMIDATION, Position 39 is Ser-NH2
277 <400> SEQUENCE: 12
278 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
279 1               5                   10                  15
281 Glu Ala Val Arg Leu Phe Ile Glu Phe Leu Lys Asn Gly Gly Pro Ser
282             20                  25                  30
284 Ser Gly Ala Pro Pro Pro Ser
285           35
287 <210> SEQ ID NO: 13
288 <211> LENGTH: 39
289 <212> TYPE: PRT
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
294       Construct
296 <220> FEATURE:
297 <221> NAME/KEY: MOD_RES
298 <222> LOCATION: (39)
299 <223> OTHER INFORMATION: AMIDATION, Position 39 is Ser-NH2
301 <400> SEQUENCE: 13
302 Tyr Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
303 1               5                   10                  15
305 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
306             20                  25                  30
308 Ser Gly Ala Pro Pro Pro Ser
309           35
311 <210> SEQ ID NO: 14
312 <211> LENGTH: 39
313 <212> TYPE: PRT
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
318       Construct
320 <220> FEATURE:
321 <221> NAME/KEY: MOD_RES
322 <222> LOCATION: (39)
323 <223> OTHER INFORMATION: AMIDATION, Position 39 is Tyr-NH2
```

Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/889,331

DATE: 02/14/2002
TIME: 08:55:31

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\02142002\I889331.raw

```
                                              for SEQ ID#:16
L:379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:533 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:562 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:586 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:618 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:833 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:864 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:867 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:896 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:930 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:961 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:964 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:998 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1058 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1061 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1368 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1371 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1513 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1516 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1666 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1815 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1974 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2084 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2087 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2202 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2205 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:3153 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:3156 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:3186 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:3212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:3246 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:3249 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3284 M:341 W: (46) "n" or "Xaa" used,
```

2/14/02

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/889,331

DATE: 02/14/2002
TIME: 08:55:31

Input Set : **A:\PTO.AMC.txt**
Output Set: **N:\CRF3\02142002\I889331.raw**

L:3315 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:3318 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96

PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/889,331

DATE: 02/07/2002
TIME: 10:13:59

Input Set : A:\30639.031 Sequence Listing.txt
Output Set: N:\CRF3\02072002\I889331.raw

Does Not Comply
Corrected Diskette Needed

```
    3 <110> APPLICANT: YOUNG, ANDREW A.
    4        GEDULIN, BRONISLAVA
    6 <120> TITLE OF INVENTION: METHODS FOR GLUCAGON SUPPRESSION
    8 <130> FILE REFERENCE: 030639.0031.UTL1 (249/167)
   10 <140> CURRENT APPLICATION NUMBER: US 09/889,331
C--> 11 <141> CURRENT FILING DATE: 2001-12-18
   13 <150> PRIOR APPLICATION NUMBER: PCT/US00/00942
   14 <151> PRIOR FILING DATE: 2000-01-14
   16 <150> PRIOR APPLICATION NUMBER: 60/116,380
   17 <151> PRIOR FILING DATE: 1999-01-14
   19 <150> PRIOR APPLICATION NUMBER: 60/132,017
   20 <151> PRIOR FILING DATE: 1999-04-30
   22 <150> PRIOR APPLICATION NUMBER: 60/175,365
   23 <151> PRIOR FILING DATE: 2000-01-10
   25 <160> NUMBER OF SEQ ID NOS: 239
   27 <170> SOFTWARE: FastSEQ for Windows Version 4.0
W--> 28 Microsoft WORD 97 SR-2
```

ERRORED SEQUENCES

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 6836 <210> SEQ ID NO: 239
 6837 <211> LENGTH: 39
 6838 <212> TYPE: PRT
 6839 <213> ORGANISM: Artificial Sequence
 6841 <220> FEATURE:
 6842 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 6843       Amino Acid Sequence
 6845 <220> FEATURE:
 6846 <221> NAME/KEY: MOD_RES
 6847 <222> LOCATION: (30)
 6848 <223> OTHER INFORMATION: Lys-PEG
 6850 <220> FEATURE:
 6851 <221> NAME/KEY: AMIDATION
 6852 <222> LOCATION: (39)
 6853 <223> OTHER INFORMATION: Ser in position 39 is amidated
 6855 <400> SEQUENCE: 239
 6856 His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
 6857  1               5                  10                  15
 6859 Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Lys Pro Ser
 6860             20                  25                  30
 6862 Ser Gly Ala Pro Pro Pro Ser
 6863             35
```

2/7/02

RAW SEQUENCE LISTING   DATE: 02/07/2002
PATENT APPLICATION: US/09/889,331   TIME: 10:14:00

Input Set : A:\30639.031 Sequence Listing.txt
Output Set: N:\CRF3\02072002\I889331.raw

E--> 6866 102
E--> 6869 4

VERIFICATION SUMMARY
PATENT APPLICATION: .US/09/889,331

DATE: 02/07/2002
TIME: 10:14:01

Input Set : A:\30639.031 Sequence Listing.txt
Output Set: N:\CRF3\02072002\I889331.raw

```
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:28 M:259 W: Allowed number of lines exceeded, <170> SOFTWARE:
L:380 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21
L:534 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:22
L:563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:587 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:619 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25
L:720 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:802 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:834 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:865 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:868 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:897 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:965 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37
L:996 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:999 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38
L:1028 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39
L:1059 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40
L:1214 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41
L:1217 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1369 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1514 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43
L:1517 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44
L:1670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1816 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45
L:1819 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1972 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:1975 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:2085 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2088 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2091 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:2200 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2203 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:2206 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48
L:3154 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:3157 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:91
L:3187 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:92
L:3213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:93
L:3247 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
L:3250 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:94
```

Input Set : A:\30639.031 Sequence Listing.txt
Output Set: N:\CRF3\02072002\I889331.raw

```
L:3282 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:95
L:3316 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:3319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:96
L:6866 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:239
M:332 Repeated in SeqNo=239
```